K+E

Drafting, Reproduction, Surveying
Equipment and Materials.
Slide Rules. Measuring Tapes.

KEUFFEL & ESSER CO.

NEW YORK • HOBOKEN, N. J.

CHICAGO • DETROIT • ST. LOUIS

SAN FRANCISCO • LOS ANGELES • MONTREAL

PRINTED IN U.S.A.

13,071-1.

K+E

MARATHON

TRADE MARK

LONG LINE and WIDE LINE

RULING PENS

U. S. PAT. 2,464,763. OTHER PATENTS PENDING

More lines, less refilling

MARATHON Ruling Pens hold several times more ink than ordinary ruling pens. They require less refilling and save drawing time. They will draw from five to eight times more inches of line at one filling than ordinary ruling pens.

Fixed line widths

MARATHON Long Line and Wide Line Pens are made in five fixed widths, to rule five different widths of line. The ink flow is regular and even. Lines are always uniform, sharp and clean edged. The pens are easy to handle for guided curve or freehand contour line work.

Several widths ready

It may be convenient to fill several MARATHON Pens of different widths at the start of the work. The filled pens can be laid down without risk of leaking.

No waiting for lines to dry

You can start from the left of a drawing, inking in all vertical lines and using several pens, according to the widths of line required. Or you can start from the top, inking in all horizontal lines. You are always working away from the wet ink and do not have to skip about over the drawing, waiting for lines to dry.

Copyright 1950 by Keuffel & Esser Co.

To fill

Hold the pen with the filling aperture (Fig. 1) toward you and so that you can see through the nib points (Fig. 2). Use a dropper type filler, inserting this into the filling aperture, and squeezing it gently until the ink appears at the nib points. The pen is then filled.

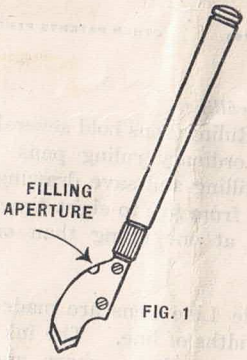

FIG. 1

FIG. 2

To clean

It is important to keep MARATHON Pens clean. Wet ink can be removed by passing a folded strip of paper between the nibs. Ink that has dried can be cleaned out by passing a *thin* razor blade between the nibs. LEROY* Cleaning Fluid No. 3233 is recommended for thorough cleaning.

To sharpen

The high grade steel in MARATHON Pens keeps them sharp for a long time, even with constant use. They can be readily resharpened by stroking the side bevels on the tips of the nibs gently back and forth on an Arkansas Oil Stone (K&E No. 2720 or 2730N).

* A K&E Trade Mark.

MARATHON

RULING PENS

Available in pre-set widths as follows:

LONG LINE

Individual Pens

1092-9 for ruling lines .009 inch width
1092-13 " " " .013 " "
1092-20 " " " .020 " "

Set of three Pens

1094 Set, containing 1 each Nos. 1092-9, 1092-13 and 1092-20 Long Line Pens.

WIDE LINE

Individual Pens

1092-30 for ruling lines .030 inch width
1092-60 " " " .060 " "